

FOR NATIONAL PHASE SUBMISSION

2

CLAIM AMENDMENTS

WHAT IS CLAIMED IS:

1. (Currently Amended) ~~Screwed~~ A screwed connection comprising at least one first component—(1)—into which an internal screw thread—(2)—is introduced and which is screwed together with a second component—(3)—which has a corresponding external screw thread—(4)—, wherein a tightening force—(F)— can be transmitted by means of the screwed connection, and wherein a thread sealant—(6)— is introduced between the external and the internal screw thread—(4)—(5)— in order to seal the screwed connection, and wherein the screwed connection has at least one first section—(7)— and one second section—(8)—, wherein the second section—(8)—, in order to receive the thread sealant —(6)—, is fashioned in a design deviating from that of the first section—(7)—.

2. (Currently Amended) ~~Screwed~~ A screwed connection according to claim 1, ~~characterized in that~~ wherein the external screw thread—(4)— has the same flank height in the first section—(7)— and in the second section—(8)—, and ~~in that~~ the external screw thread—(4)— has a smaller core diameter in the second section—(8)— than in the first section—(7)—, such that a continuous cavity—(12)— is formed in the second section —(8)— between the thread flanks—(11)— of the internal screw thread—(2)— and the thread flanks—(10)— of the external screw thread—(4)—, and that the cavity—(12)— formed by the thread flanks—(10)—(11)— is filled with thread sealant—(6)—.

3. (Currently Amended) A screwed connection according to claim 1, wherein ~~Screwed connection according to claim 1 or claim 2, characterized in that~~ the internal screw thread-(2) has the same flank height in the first section-(7) and in the second section-(8), and ~~in that~~ the internal screw thread-(2) has a larger core diameter in the second section-(8) than in the first section-(7), such that a continuous cavity-(12) is formed in the second section-(8) between the thread flanks -(11) of the internal screw thread-(2) and the thread flanks -(10) of the external screw thread-(4), and that the cavity -(12) formed by the thread flanks-(10)-(11) is filled with thread sealant-(6).

4. (Currently Amended) A screwed connection according to claim 1, wherein ~~Screwed connection according to any one of the preceding claims, characterized in that~~ at least one thread course-(15) of the external screw thread-(4) has a lower pitch than the remaining thread courses of the external screw thread-(4), wherein the thread course with the lower pitch forms the transition from the first section-(7) to the second section-(8) and wherein the thread courses of the external screw thread-(4) are axially offset in relation to the thread courses of the internal screw thread-(2) in the second section-(8) such that a continuous cavity-(12) is formed in the second section-(8) between the thread flanks -(11) of the internal screw thread-(2) and the thread flanks -(10) of the external screw thread-(4), and that the cavity -(12) formed by the thread flanks-(10)-(11) is filled with thread sealant-(6).

5. (Currently Amended) A screwed connection according to claim 1, wherein ~~Screwed connection according to any one of the preceding claims, characterized in that~~ at least one thread course of the internal screw thread-(2) has a greater pitch than the remaining thread courses of the internal screw thread-(2), wherein the thread course with the greater pitch forms the transition from the first section-(7) to the second section-(8) and wherein the thread courses of the internal screw thread-(2) are axially offset in relation to the thread courses of the external screw thread-(4) in the second section-(8) such that a continuous cavity-(12) is formed in the second section-(8) between the thread flanks-(11) of the internal screw thread-(2) and the thread flanks-(10) of the external screw thread-(4), and that the cavity-(12) formed by the thread flanks-(10)-(11) is filled with thread sealant-(13).

6. (Currently Amended) A screwed connection according to claim 1, wherein ~~Screwed connection according to any one of the preceding claims, characterized in that~~ at least one storage space is formed between the internal screw thread-(2) and the external screw thread-(4), into which storage space excess thread sealant-(6) can be pressed when the screwed connection is tightened.

7. (Currently Amended) A screwed connection according to claim 6, wherein ~~Screwed connection according to claim 6, characterized in that~~ the storage space is formed by an annular slot-(17) in the internal screw thread-(2) and/or in the external screw thread-(4).

FOR NATIONAL PHASE SUBMISSION

5

8. (Currently Amended) A screwed connection according to claim 1, wherein ~~Screwed connection according to any one of claims 1 or 4 to 7, characterized in that~~ the thread flanks ~~(10)~~ of the external screw thread ~~(4)~~ have a lower flank height in the second section ~~(8)~~ than in the first section ~~(7)~~.

9. (Currently Amended) A screwed connection according to claim 1, wherein ~~Screwed connection according to any one of claims 1 or 4 to 8, characterized in that~~ the thread flanks ~~(11)~~ of the internal screw thread ~~(2)~~ have a lower flank height in the second section ~~(8)~~ than in the first section ~~(7)~~.

10. (Currently Amended) A screwed connection according to claim 1, wherein ~~Screwed connection according to any one of the preceding claims, characterized in that~~ the thread sealant ~~(6)~~ is contained exclusively in the second section ~~(8)~~ of the screwed connection.

11. (Currently Amended) A screwed connection according to claim 1, wherein ~~Screwed connection according to any one of the preceding claims, characterized in that~~ the screwed connection is used in a fuel pump.

FOR NATIONAL PHASE SUBMISSION

6

12. **(New)** A screwed connection comprising at least one first component having an inner thread and a second component having a corresponding external thread, wherein first and second components provide for a tightening force when screwed together, further comprising a thread sealant between the external and the internal screw thread in order to seal the screwed connection, and wherein the screwed connection has at least one first section and one second section, wherein the second section, in order to receive the thread sealant, is fashioned in a design deviating from that of the first section.

13. **(New)** A screwed connection according to claim 12, wherein the external thread has the same flank height in the first section and in the second section, and the external thread has a smaller core diameter in the second section than in the first section, such that a continuous cavity is formed in the second section between the thread flanks of the internal screw thread and the thread flanks of the external screw thread, and that the cavity formed by the thread flanks is filled with thread sealant.

14. **(New)** A screwed connection according to claim 12, wherein the internal thread has the same flank height in the first section and in the second section, and the internal thread has a larger core diameter in the second section than in the first section, such that a continuous cavity is formed in the second section between the thread flanks of the internal screw thread and the thread flanks of the external screw thread, and that the cavity formed by the thread flanks is filled with thread sealant.

FOR NATIONAL PHASE SUBMISSION

7

15. **(New)** A screwed connection according to claim 12, wherein at least one thread course of the external thread has a lower pitch than the remaining thread courses of the external screw thread, wherein the thread course with the lower pitch forms the transition from the first section to the second section and wherein the thread courses of the external thread are axially offset in relation to the thread courses of the internal screw thread in the second section such that a continuous cavity is formed in the second section between the thread flanks of the internal thread and the thread flanks of the external thread, and that the cavity formed by the thread flanks is filled with thread sealant.

16. **(New)** A screwed connection according to claim 12, wherein at least one thread course of the internal thread has a greater pitch than the remaining thread courses of the internal thread, wherein the thread course with the greater pitch forms the transition from the first section to the second section and wherein the thread courses of the internal thread are axially offset in relation to the thread courses of the external thread in the second section such that a continuous cavity is formed in the second section between the thread flanks of the internal thread and the thread flanks of the external thread, and that the cavity formed by the thread flanks is filled with thread sealant.

17. **(New)** A screwed connection according to claim 12, wherein at least one storage space is formed between the internal thread and the external thread, into which storage space excess thread sealant can be pressed when the screwed connection is tightened.

18. **(New)** A screwed connection according to claim 17, wherein the storage space is formed by an annular slot in the internal thread and/or in the external thread.

19. **(New)** A screwed connection according to claim 12, wherein the thread flanks of the external thread have a lower flank height in the second section than in the first section.

20. **(New)** A screwed connection according to claim 1, wherein the thread flanks of the internal thread have a lower flank height in the second section than in the first section.